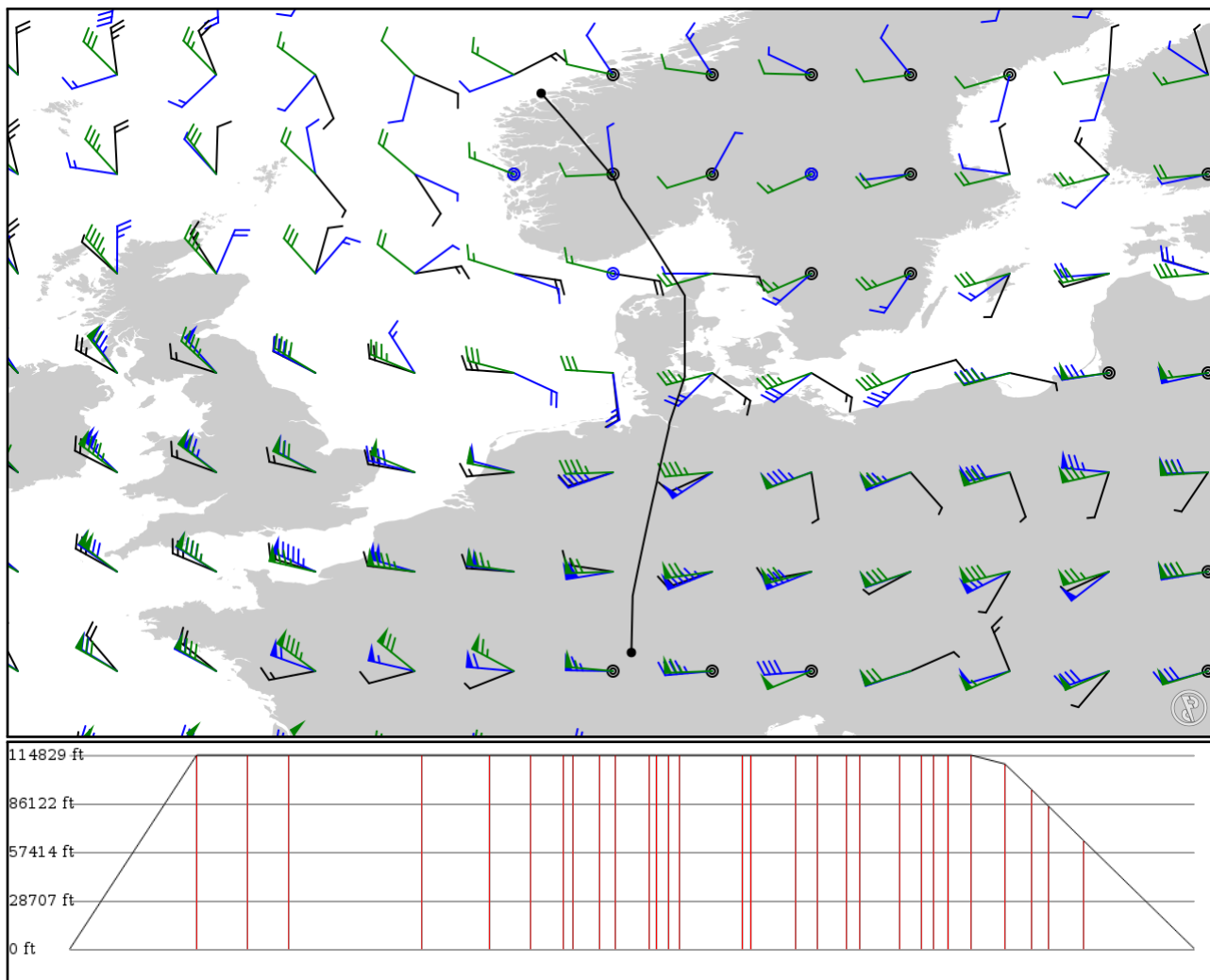


2024/06/07 1359Z

ENAL DOPUX **P622** AAL AAL **P615** TUGDU **UM852** EKERN **UP615** LBV **UL126** PIROT **N850** WRB **UN850** KRH LSZH

931.22 nm / 1724.62 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
ENAL	-	62.56040	0 ft	-	Alesund
APT	-	6.10999	0 m		
DOPUX	-	60.92920	35,000 ft	105	-
FIX	-	7.52171	10,668 m		
XAROS	P622	60.28130	35,000 ft	42	-
FIX	AWY-HI	8.07091	10,668 m		
IPMOD	P622	59.73940	35,000 ft	33	-
FIX	AWY-HI	8.29639	10,668 m		
RETKA	P622	57.99150	35,000 ft	110	-
FIX	AWY-HI	9.43862	10,668 m		
AAL	P622	57.10390	35,000 ft	56	AALBORG VOR-DME
DME	AWY-HI	9.99281	10,668 m		
AAL	-	57.10370	35,000 ft	0	AALBORG
VOR	-	9.99558	10,668 m		
RADIS	P615	56.54170	35,000 ft	33	-
FIX	AWY-HI	9.99500	10,668 m		
LUTUS	P615	56.10080	35,000 ft	26	-
FIX	AWY-HI	9.99444	10,668 m		
ABINO	P615	55.96830	35,000 ft	7	-
FIX	AWY-HI	9.99444	10,668 m		
RIDSI	P615	55.59170	35,000 ft	22	-
FIX	AWY-HI	9.99417	10,668 m		
ASBIL	P615	55.37190	35,000 ft	13	-
FIX	AWY-HI	9.99389	10,668 m		
ALS	P615	54.90540	35,000 ft	28	ALSIE
VOR	AWY-HI	9.99338	10,668 m		
ALASA	P615	54.80860	35,000 ft	5	-
FIX	AWY-HI	9.96167	10,668 m		
TUGDU	P615	54.65280	35,000 ft	9	-
FIX	AWY-HI	9.91083	10,668 m		
EKERN	UM852	54.50580	35,000 ft	8	-
FIX	AWY-HI	9.86387	10,668 m		
LBV	UP615	53.65260	35,000 ft	52	ELBE
VOR	AWY-HI	9.57948	10,668 m		
ESTAD	UL126	53.52530	35,000 ft	7	-
FIX	AWY-HI	9.56464	10,668 m		
KEGAB	UL126	52.91750	35,000 ft	36	-
FIX	AWY-HI	9.42417	10,668 m		
TIMEN	UL126	52.63220	35,000 ft	17	-
FIX	AWY-HI	9.35889	10,668 m		
ROBEG	UL126	52.23360	35,000 ft	24	-
FIX	AWY-HI	9.26962	10,668 m		
PIROT	UL126	52.05340	35,000 ft	10	-
FIX	AWY-HI	9.23690	10,668 m		
WRB	N850	51.50570	35,000 ft	33	WARBURG
VOR	AWY-LO	9.11091	10,668 m		
RANAX	UN850	51.20720	35,000 ft	18	-
FIX	AWY-HI	9.04611	10,668 m		
EDEGA	UN850	51.03470	35,000 ft	10	-
FIX	AWY-HI	9.00778	10,668 m		
AMETU	UN850	50.83310	35,000 ft	12	-
FIX	AWY-HI	8.96444	10,668 m		
SOGMI	UN850	50.52750	35,000 ft	18	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	8.89917	10,668 m		
BOMBI	UN850	50.05670	33,400 ft	28	-
FIX	AWY-HI	8.80028	10,180 m		
GIGET	UN850	49.70110	28,800 ft	21	-
FIX	AWY-HI	8.72667	8,778 m		
ABUKA	UN850	49.46530	25,800 ft	14	-
FIX	AWY-HI	8.67917	7,864 m		
KRH	UN850	48.99290	19,600 ft	28	KARLSRUHE
VOR	AWY-HI	8.58424	5,974 m		
LSZH	-	47.46350	0 ft	91	Zurich
APT	-	8.54995	0 m		

ENAL

Region: NORWAY
Timezone: EUROPE/OSLO
Runways: 1

Elevation: 67 ft / 20 m
Location: 62.560400 6.109990
Magnetic Var: 2.407 E

METAR

ENAL 071320Z 22011KT 9999 BKN062 13/04 Q1007

TAF

UNKNOWN

Frequencies

REC - 128.65 MHz - VIGRA ATIS

TWR - 118.10 MHz - VIGRA TOWER

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	142 ft	7,604 ft	64.82	ASPHALT	492 ft	0 ft
	43 m	2,318 m	62.41		150 m	0 m
24	142 ft	7,604 ft	244.86	ASPHALT	751 ft	0 ft
	43 m	2,318 m	242.45		229 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
24	LOC-ILS	VGR	111.95 MHz	18 nm	244.84	-	67 ft
				33 km	242.43		67 m
24	GS	VGR	111.95 MHz	10 nm	244.84	3.00	67 ft
				19 km	242.43		67 m

LSZH

Region: SWITZERLAND
Timezone: EUROPE/ZURICH
Runways: 3

Elevation: 1,416 ft / 432 m
Location: 47.463500 8.549950
Magnetic Var: 3.134 E

METAR

LSZH 071320Z 26005KT 210V320 9999 FEW040 BKN052 24/15 Q1018 NOSIG

TAF

TAF LSZH 071125Z 0712/0818 26005KT 9999 FEW020 BKN045 TX25/0715Z TN14/0804Z TX24/0814Z BECMG 0712/0713 30008KT PR

Frequencies

REC - 125.72 MHz - ATIS	GND - 121.90 MHz - ZURICH GROUND
GND - 118.15 MHz - ZURICH GROUND	GND - 119.75 MHz - ZURICH GROUND
GND - 121.75 MHz - ZURICH APRON	GND - 121.70 MHz - ZURICH APRON
GND - 121.85 MHz - ZURICH APRON	GND - 121.97 MHz - ZURICH APRON
TWR - 118.10 MHz - ZURICH TOWER	TWR - 120.22 MHz - ZURICH TOWER
TWR - 119.70 MHz - ZURICH TOWER	APP - 118.00 MHz - ZURICH ARRIVAL
APP - 135.22 MHz - ZURICH APPROACH	APP - 125.32 MHz - ZURICH FINAL
APP - 120.75 MHz - ZURICH FINAL	DEP - 125.95 MHz - ZURICH DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	197 ft	12,181 ft	155.03	CONCRETE	0 ft	62 ft
	60 m	3,713 m	151.90		0 m	19 m
34	197 ft	12,181 ft	335.05	CONCRETE	1,542 ft	49 ft
	60 m	3,713 m	331.91		470 m	15 m
14	197 ft	10,816 ft	137.29	CONCRETE	492 ft	75 ft
	60 m	3,297 m	134.16		150 m	23 m
32	197 ft	10,816 ft	317.31	CONCRETE	0 ft	82 ft
	60 m	3,297 m	314.18		0 m	25 m
10	197 ft	8,196 ft	95.99	CONCRETE	0 ft	62 ft
	60 m	2,498 m	92.86		0 m	19 m
28	197 ft	8,196 ft	276.02	CONCRETE	0 ft	276 ft
	60 m	2,498 m	272.88		0 m	84 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14	DME	IKL	108.30 MHz	18 nm	-	-	1,460 ft
				33 km	-		1,460 m
16	DME	IZH	110.50 MHz	18 nm	-	-	1,400 ft
				33 km	-		1,400 m
28	DME	IZW	109.75 MHz	18 nm	-	-	1,416 ft
				33 km	-		1,416 m
34	DME	IZS	110.75 MHz	18 nm	-	-	1,410 ft
				33 km	-		1,410 m
14	LOC-ILS	IKL	111.75 MHz	18 nm	137.31	-	1,417 ft
				33 km	134.18		1,417 m
16	LOC-ILS	IZH	110.50 MHz	18 nm	155.05	-	1,417 ft
				33 km	151.92		1,417 m
28	LOC-ILS	IZW	109.75 MHz	18 nm	276.01	-	1,417 ft
				33 km	272.88		1,417 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34	LOC-ILS	IZS	110.75 MHz	18 nm	335.06	-	1,417 ft
				33 km	331.93		1,417 m
14	GS	IKL	111.75 MHz	10 nm	137.31	3.00	1,417 ft
				19 km	134.18		1,417 m
16	GS	IZH	110.50 MHz	10 nm	155.05	3.00	1,417 ft
				19 km	151.92		1,417 m
28	GS	IZW	109.75 MHz	10 nm	276.01	3.30	1,417 ft
				19 km	272.88		1,417 m
34	GS	IZS	110.75 MHz	10 nm	335.06	3.30	1,417 ft
				19 km	331.93		1,417 m